

OPTICAL MODULE AND METHOD FOR ASSEMBLING THE OPTICAL MODULE

Abstract

An optical module is composed of three light-guide units and a holder for the units. Each of the light-guide units is made of a mirror plane used for reflecting and transmitting light installed between two prisms via the use of circularly applied glue. The holder includes three installation areas one installation area for each light-guide unit. Additionally, the holder has two frames that are arranged perpendicularly to each other and each frame is installed perpendicularly to the joining sides of two installation areas i.e. one frame is installed perpendicular to the side where installation area 1 and installation area 2 meet and the other frame is installed perpendicular to the side where installation area 2 and installation area 3 meet.